

Title (en)

METAL CHELATE FORMING FIBER, PROCESS FOR PREPARING THE SAME, AND METHOD OF METAL ION SEQUESTRATION USING SAID FIBER

Title (de)

METALLKOMPLEXFORMENDE FASER, PROZESS ZU DEREN HERSTELLUNG, UND VERFAHREN ZUR KOMPLEXIERUNG VON METALLIONEN MIT DIESER FASER

Title (fr)

FIBRE FORMANT UN CHELATE METALLIQUE, PROCEDE DE PREPARATION DE CETTE FIBRE, ET PROCEDE DE SEQUESTRATION D'IONS METALLIQUES AU MOYEN DE CETTE DERNIERE

Publication

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Application

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Abstract (en)

[origin: EP0962582A1] The present invention provides a metal chelate forming fiber in which a reactive functional group in a molecule in the surface of the fiber is substituted with an acyl group represented by the following formula  $\text{--}\text{C}(=\text{O})\text{--R}$  (where R<1>, R<2>, and R<3> respectively are a lower alkylene group, and n is an integer of 1 to 4.) The present invention also provides a method for preparing the fiber, and a process for treating waste water using the fiber where metal ions contained in the waste water are allowed to be captured by the acyl group. <IMAGE>

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IPC 8 full level

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